

ISEM2008

火薬学会
Japan Explosives Society

The 3rd International Symposium on Energetic Materials and their Applications

24-25 April, 2008, Tokyo, Japan

Organized by Japan Explosives Society <http://www.jes.or.jp/eng/>

Chairman : Prof. Terushige Ogawa, Yokohama National University, Vice-Chairman : Prof. Mitsuo Koshi, The University of Tokyo
Symposium Chairman : Dr. Shuzo Fujiwara, AIST

SCOPE

The objectives of the 3rd International Symposium on Energetic Materials and their Applications (ISEM2008) include both fundamental researches and industrial applications relevant to energetic materials. The objective is to obtain an overview of the most recent international research efforts and to provide opportunities for scientists and engineers to establish avenues for cooperation and collaboration.

CALL FOR PAPERS

The due date to submit the abstract is 16 November, 2007. All prospective authors for Oral Presentation and Poster Presentation are requested to submit within 250 words abstract.

Online Abstract Submission is available on the website.

You can download the abstract format from the link "Abstract Submission" in MS Word format.

For more questions about the submission, please contact the Secretariat.

The accepted abstracts will be in the conference abstract book.

As for the full paper, please submit to Editorial Office of the Journal of the Japan Explosives Society. The due date to submit the full paper is 25 April, 2008.

Detailed information about submitting the paper is on the website.

Selected papers featuring the presentation will be eligible for being published on the journal of "Science and Technology of Energetic Materials".

ONLINE REGISTRATION

<http://www.jes.or.jp/eng/>

Online Registration for ISEM2008 will start at the above website from 1 August, 2007.

Early Registration Deadline is 29 February, 2008.

Registration on and after 1 March, 2008 will be regarded as Regular Registration.

Registration fees include the abstract book, banquet, and participation in the domestic conference of the Japan Explosives Society, which will be held in 23-24 April, 2008, at the same convention hall.

For the complete registration, your payment should be done via credit card.

Language

The official language at the symposium is English.

Events

The social program will include a banquet on 24 April, 2008.

INVITED SPEAKERS

Prof. Merrill W. Beckstead (USA)
Prof. Finn Ouchterlony (Sweden)
DSc. Oleg G. Penyazkov (Republic of Belarus)
Dr. Albert van der Steen (The Netherlands)
Prof. Jai-ick Yoh (Korea)

IMPORTANT DATES

16 November, 2007	Abstract Due
20 December, 2007	Notification of Acceptance
29 February, 2008	Early Registration Due
25 April, 2008	Manuscript Due

REGISTRATION FEES

	Early / Regular
JES Member :	30,000 Yen / 35,000 Yen
Non-Member :	35,000 Yen / 40,000 Yen
Student :	15,000 Yen

SECRETARIAT

Dr. Kiyoshi Hashizume,
Japan Explosives Society,
5-18-17, Roppongi, Minato-ku, Tokyo 116-0032, JAPAN
Phone : +81-3-5575-6605, Fax : +81-3-5575-6607
E-mail: ISEM2008-regi@m.aist.go.jp

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TOPICS

The following topic lists will be covered in this symposium. Any other topics related to energetic materials are also welcome.

1) Energetic Materials

New Energetic Compounds
Industrial Explosives
Blasting Agents
Propellants
Synthesis
Analysis and Characterization
Sensitivity
Disposal and Recycling
Performance
Theoretical Modeling
Gas Generants

2) Pyrotechnics

Initiators and Detonators
Safety Devices
Fireworks
Air Bag Inflators and Gas Generators

3) Combustion and Detonation

Detonation and Deflagration
SDT, DDT, XDT
Non-Ideal Behavior
Computations

4) Blasting

Rock Fragmentations
Computer Modeling and Design
Channel Effects
Blast Vibration & Sound
Air Blast

5) Shock Compression

Equations of State
Phase Transition
Shock Processing
(Hardening, Synthesis, Forming etc)
Numerical Modeling

6) Hazard, Safety, Security and Risk Managements

Hazard Assessment
Safety & Security Evaluation
Analysis of Accidental Events
Blast Waves

7) Gas Detonation

Pulse Detonation
Engines DDT
Cell Structure
Chemical Reaction in Gas Detonation
Numerical Modeling
Risk Assessment

8) Regulations and GHS

9) Miscellaneous

ACCOMMODATIONS

A list of accommodations is available on the website.

ACCESS

Tower Hall Funabori

4-1-1, Funabori, Edogawa-ku, Tokyo 134-0091

This hall is located in front of "Funabori Station" of "Toei shinjuku Line".

Access map is up on the website.

